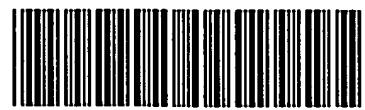


RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/532,480
Source: PTI/10
Date Processed by STIC: 5/3/05

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PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/532,480

DATE: 05/03/2005

TIME: 13:32:22

Input Set : A:\12920.0014.00PC00.st25.txt
 Output Set: N:\CRF4\05032005\J532480.raw

3 <110> APPLICANT: Garry, Jr., Robert F.
 4 McKeating, Jane A.
 5 Dash, Srikanta
 6 Coy, David H.
 8 <120> TITLE OF INVENTION: FLAVIVIRUS FUSION INHIBITORS
 10 <130> FILE REFERENCE: 12920.0014.00PC00 (TUMC014P)
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/532,480
 C--> 13 <141> CURRENT FILING DATE: 2005-04-22
 15 <150> PRIOR APPLICATION NUMBER: 60/424,746
 16 <151> PRIOR FILING DATE: 2002-11-08
 18 <160> NUMBER OF SEQ ID NOS: 65
 20 <170> SOFTWARE: PatentIn version 3.2
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 30
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 25 <213> ORGANISM: Artificial Sequence
 27 <220> FEATURE:
 28 <223> OTHER INFORMATION: Synthetic Peptide
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 34 is modified to contain one of the following groups: acetyl,
 35 hydrophobic, macromolecular, carbobenzoyl, dansyl,
 36 t-butyloxycarbonyl, lipid, polyethylene glycol, or carbohydrate
 38 <220> FEATURE:
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 40 <222> LOCATION: (30)..(30)
 41 <223> OTHER INFORMATION: The carboxy-terminal amino acid residue comprises a carboxyl
 42 group or one of the following groups: amido, hydrophobic,
 43 macromolecular, t-butyloxycarbonyl, lipid, polyethyleneglycol, or
 44 carbohydrate
 46 <400> SEQUENCE: 1
 48 Tyr Gln Val Arg Asn Ser Ser Gly Leu Tyr His Val Thr Asn Asp Cys
 49 1 5 10 15
 51 Pro Asn Ser Ser Ile Val Tyr Glu Ala Ala Asp Ala Ile Leu
 52 20 25 30
 55 <210> SEQ ID NO: 2
 56 <211> LENGTH: 34
 57 <212> TYPE: PRT
 58 <213> ORGANISM: Artificial Sequence
 60 <220> FEATURE:
 61 <223> OTHER INFORMATION: Synthetic Peptide

P. b

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/532,480

DATE: 05/03/2005

TIME: 13:32:22

Input Set : A:\12920.0014.00PC00.st25.txt
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63 <220> FEATURE:
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 66 <223> OTHER INFORMATION: The amino-terminal amino acid residue comprises an amino group or
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 68 hydrophobic, macromolecular, carbobenzoxyl, dansyl,
 69 t-butyloxycarbonyl, lipid, polyethylene glycol, or carbohydrate
 71 <220> FEATURE:
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 73 <222> LOCATION: (34)..(34)
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 77 carbohydrate
 79 <400> SEQUENCE: 2
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 85 20 25 30
 87 Asp Cys
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 110 <223> OTHER INFORMATION: The carboxy-terminal amino acid residue comprises a carboxyl group or one of the following groups: amido, hydrophobic,
 111 macromolecular, t-butyloxycarbonyl, lipid, polyethyleneglycol, or
 113 carbohydrate
 115 <400> SEQUENCE: 3
 117 Ser Pro Arg Arg His Trp Thr Thr Gln Asp Cys Asn Cys Ser Ile Tyr
 118 1 5 10 15
 120 Pro Gly His Ile Thr Gly His Arg Met Ala Trp Asp Met Met Met Asn
 121 20 25 30
 123 Trp Ser Pro Thr
 124 35
 127 <210> SEQ ID NO: 4
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/532,480

DATE: 05/03/2005

TIME: 13:32:22

Input Set : A:\12920.0014.00PC00.st25.txt
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139      is modified to contain one of the following groups: acetyl,
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148      macromolecular, t-butyloxycarbonyl, lipid, polyethyleneglycol, or
149      carbohydrate
151 <400> SEQUENCE: 4
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154 1           5           10          15
156 Ala Ile Met Asp Met Ile Ala Gly Ala His Trp Gly Val Leu Ala Gly
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160 35          40
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176      hydrophobic, macromolecular, carbobenzoyl, dansyl,
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181 <222> LOCATION: (30)..(30)
182 <223> OTHER INFORMATION: The carboxy-terminal amino acid residue comprises a carboxyl
183      group or one of the following groups: amido, hydrophobic,
184      macromolecular, t-butyloxycarbonyl, lipid, polyethyleneglycol, or
185      carbohydrate
187 <400> SEQUENCE: 5
189 Arg Val Thr Asp Pro Asp Thr Asn Thr Ile Leu Thr Asn Cys Cys
190 1           5           10          15
192 Gln Arg Asn Gln Val Ile Tyr Cys Ser Pro Ser Thr Cys Leu

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/532,480

DATE: 05/03/2005

TIME: 13:32:22

Input Set : A:\12920.0014.00PC00.st25.txt
 Output Set: N:\CRF4\05032005\J532480.raw

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208     is modified to contain one of the following groups: acetyl,
209     hydrophobic, macromolecular, carbobenzoyl, dansyl,
210     t-butyloxycarbonyl, lipid, polyethylene glycol, or carbohydrate
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213 <221> NAME/KEY: MOD_RES
214 <222> LOCATION: (35)..(35)
215 <223> OTHER INFORMATION: The carboxy-terminal amino acid residue comprises a carboxyl
216     group or one of the following groups: amido, hydrophobic,
217     macromolecular, t-butyloxycarbonyl, lipid, polyethyleneglycol, or
218     carbohydrate
220 <400> SEQUENCE: 6
222 Arg Asp Phe Val Glu Gly Val Ser Gly Ser Trp Val Asp Ile Val
223   1           5           10          15
225 Leu Glu His Gly Ser Cys Val Thr Thr Met Ala Lys Asn Lys Pro Thr
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244     is modified to contain one of the following groups: acetyl,
245     hydrophobic, macromolecular, carbobenzoyl, dansyl,
246     t-butyloxycarbonyl, lipid, polyethylene glycol, or carbohydrate
248 <220> FEATURE:
249 <221> NAME/KEY: MOD_RES
250 <222> LOCATION: (35)..(35)
251 <223> OTHER INFORMATION: The carboxy-terminal amino acid residue comprises a carboxyl
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253     macromolecular, t-butyloxycarbonyl, lipid, polyethyleneglycol, or
254     carbohydrate
256 <400> SEQUENCE: 7

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/532,480

DATE: 05/03/2005

TIME: 13:32:22

Input Set : A:\12920.0014.00PC00.st25.txt
 Output Set: N:\CRF4\05032005\J532480.raw

258 Arg Asp Phe Ile Glu Gly Ala Ser Gly Ala Thr Trp Val Asp Leu Val
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 261 Leu Glu Gly Asp Ser Cys Leu Thr Ile Met Ala Asn Asp Lys Pro Thr
 262 20 25 30
 264 Leu Asp Val
 265 35
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 282 t-butyloxycarbonyl, lipid, polyethylene glycol, or carbohydrate
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 287 <223> OTHER INFORMATION: The carboxy-terminal amino acid residue comprises a carboxyl group or one of the following groups: amido, hydrophobic,
 288 macromolecular, t-butyloxycarbonyl, lipid, polyethyleneglycol, or
 290 carbohydrate
 292 <400> SEQUENCE: 8
 294 Arg Asp Phe Ile Glu Gly Val His Gly Gly Thr Trp Val Ser Ala Thr
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 300 Leu Asp Ile
 301 35
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 318 t-butyloxycarbonyl, lipid, polyethylene glycol, or carbohydrate
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 322 <222> LOCATION: (35)..(35)

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/03/2005
PATENT APPLICATION: US/10/532,480 TIME: 13:32:23

Input Set : A:\12920.0014.00PC00.st25.txt
Output Set: N:\CRF4\05032005\J532480.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:37; Xaa Pos. 2

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/532,480

DATE: 05/03/2005
TIME: 13:32:23

Input Set : A:\12920.0014.00PC00.st25.txt
Output Set: N:\CRF4\05032005\J532480.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:1335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0